

FIG. 1

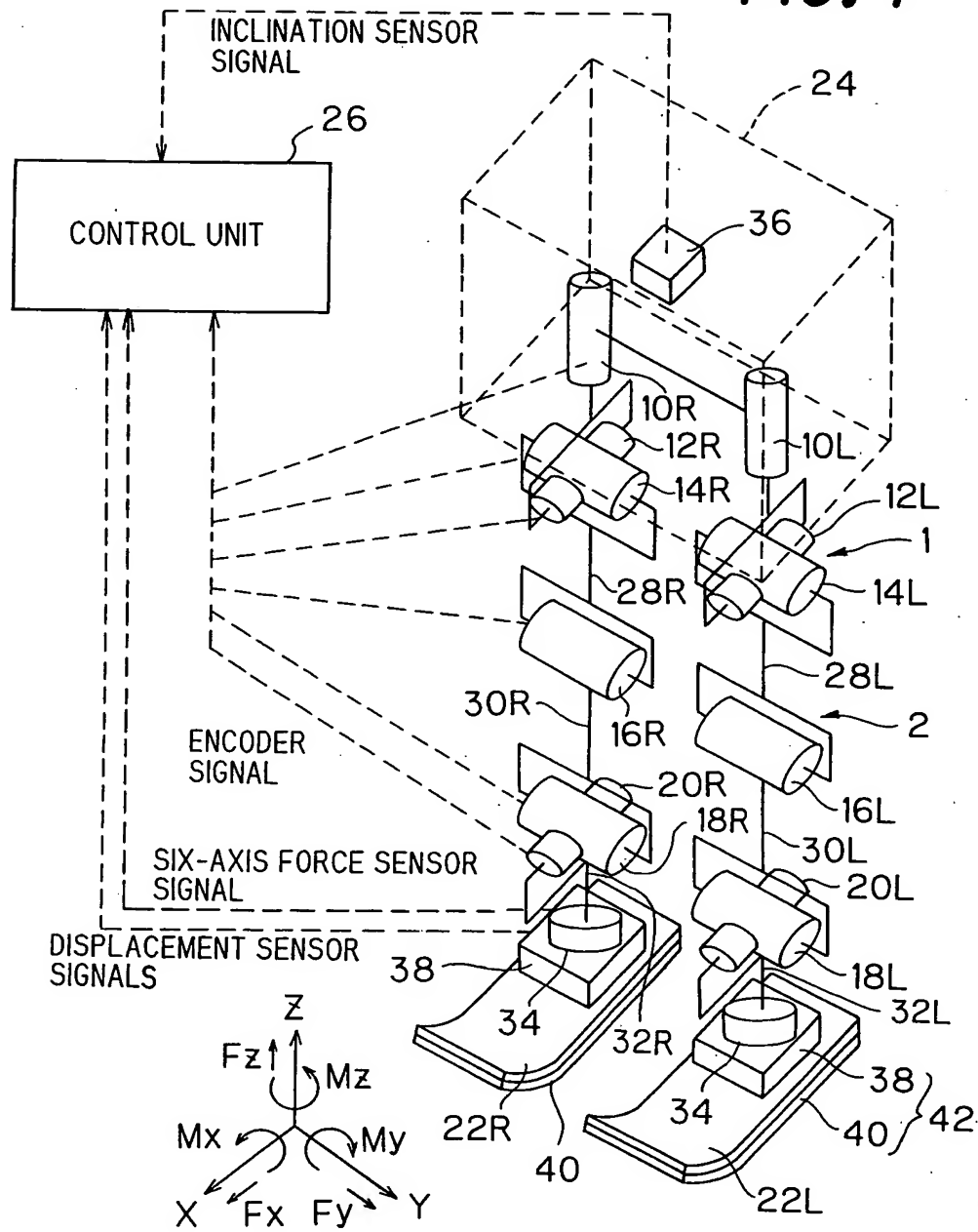


FIG. 2

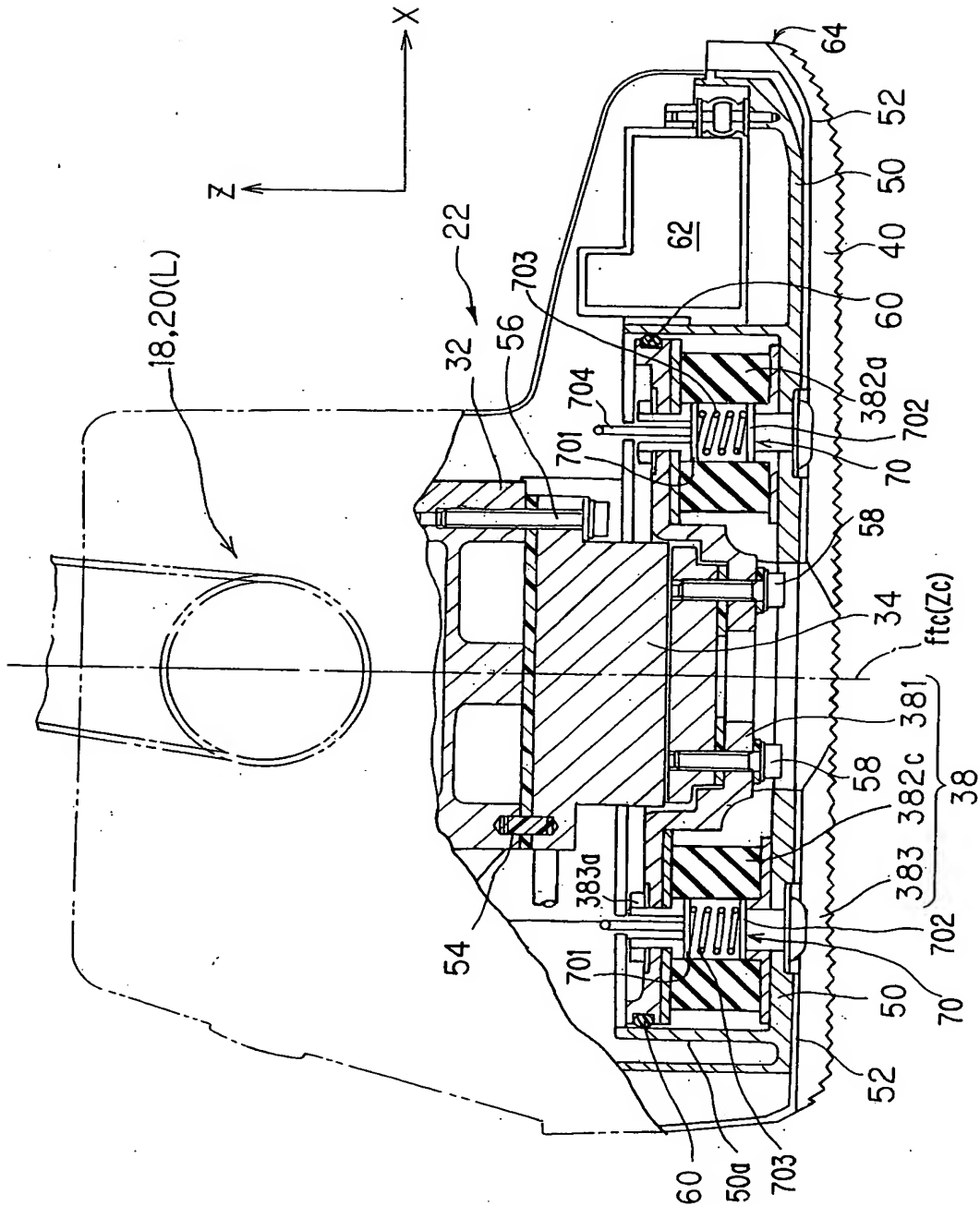


FIG. 3

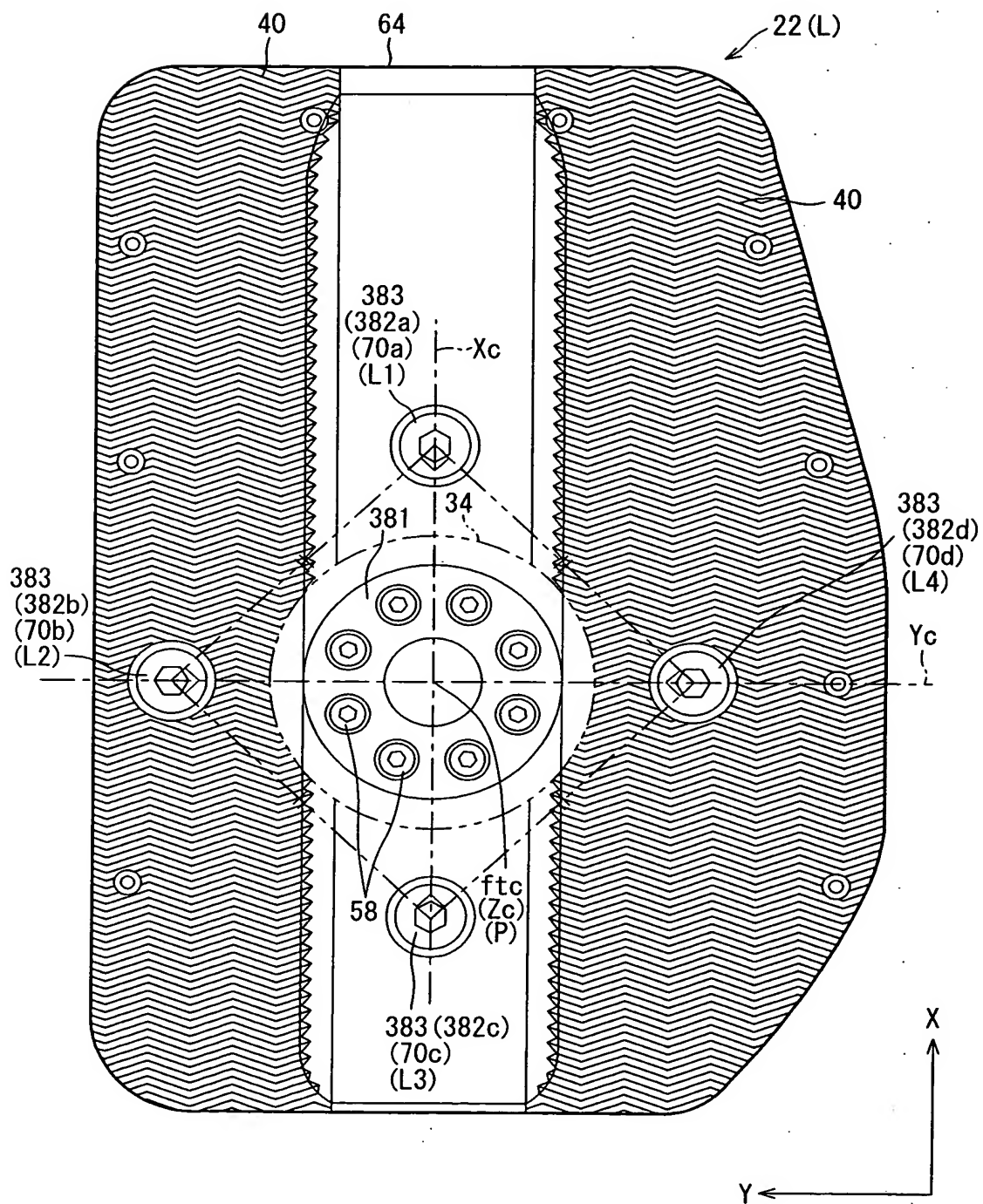
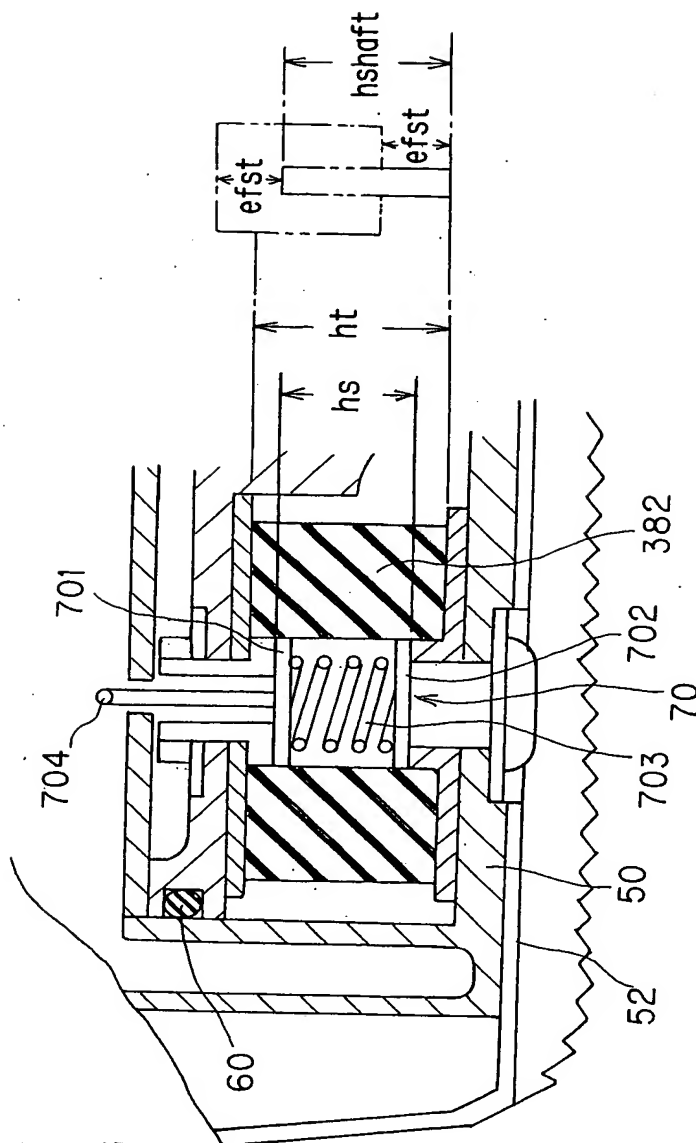
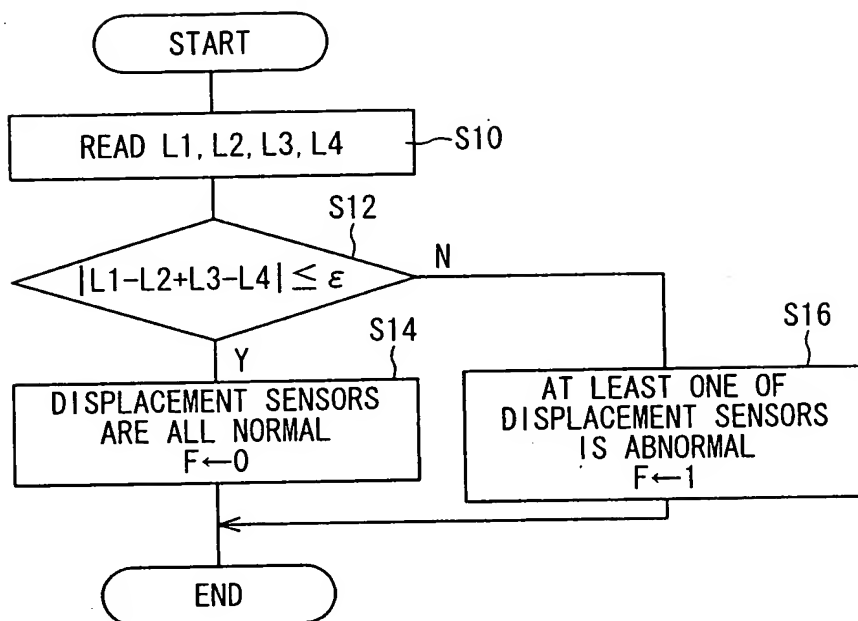
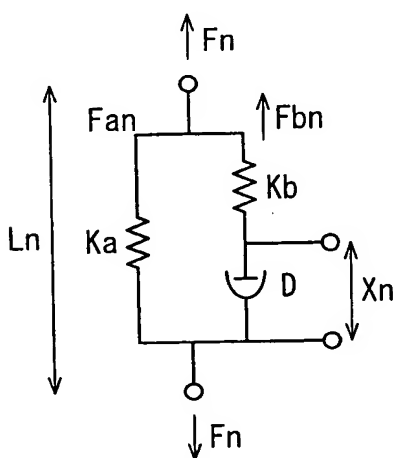


FIG. 4



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FIG. 5**FIG. 6**

$$\begin{aligned}
 F_n &= F_{an} + F_{bn} \\
 F_{an} &= -K_a L_n + C_1 \\
 F_{bn} &= -K_b (L_n - X_n) + C_2 \\
 F_{bn} &= -D * \frac{d}{dt} X_n
 \end{aligned}$$

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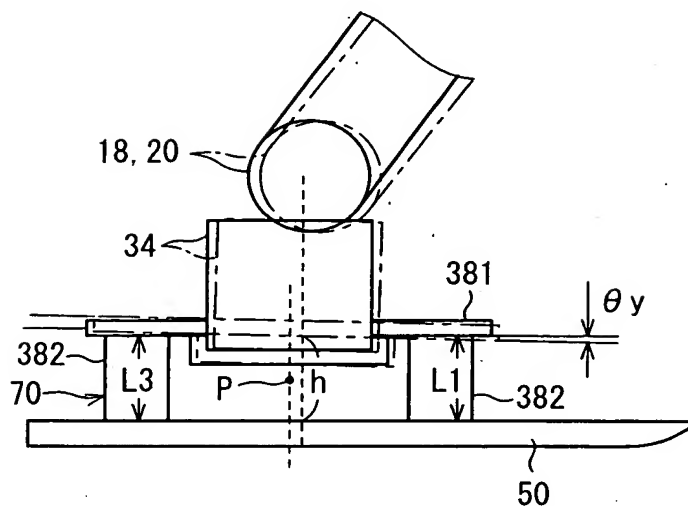
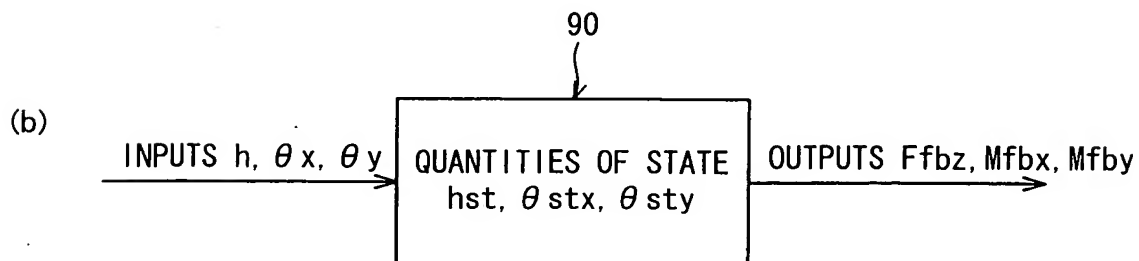
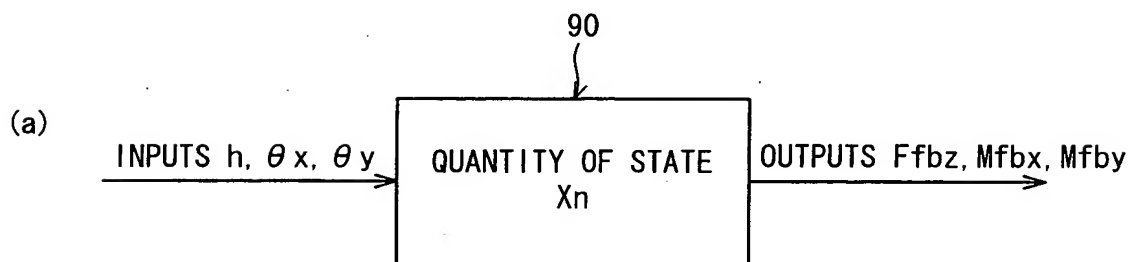
FIG. 7**FIG. 8**

FIG. 9

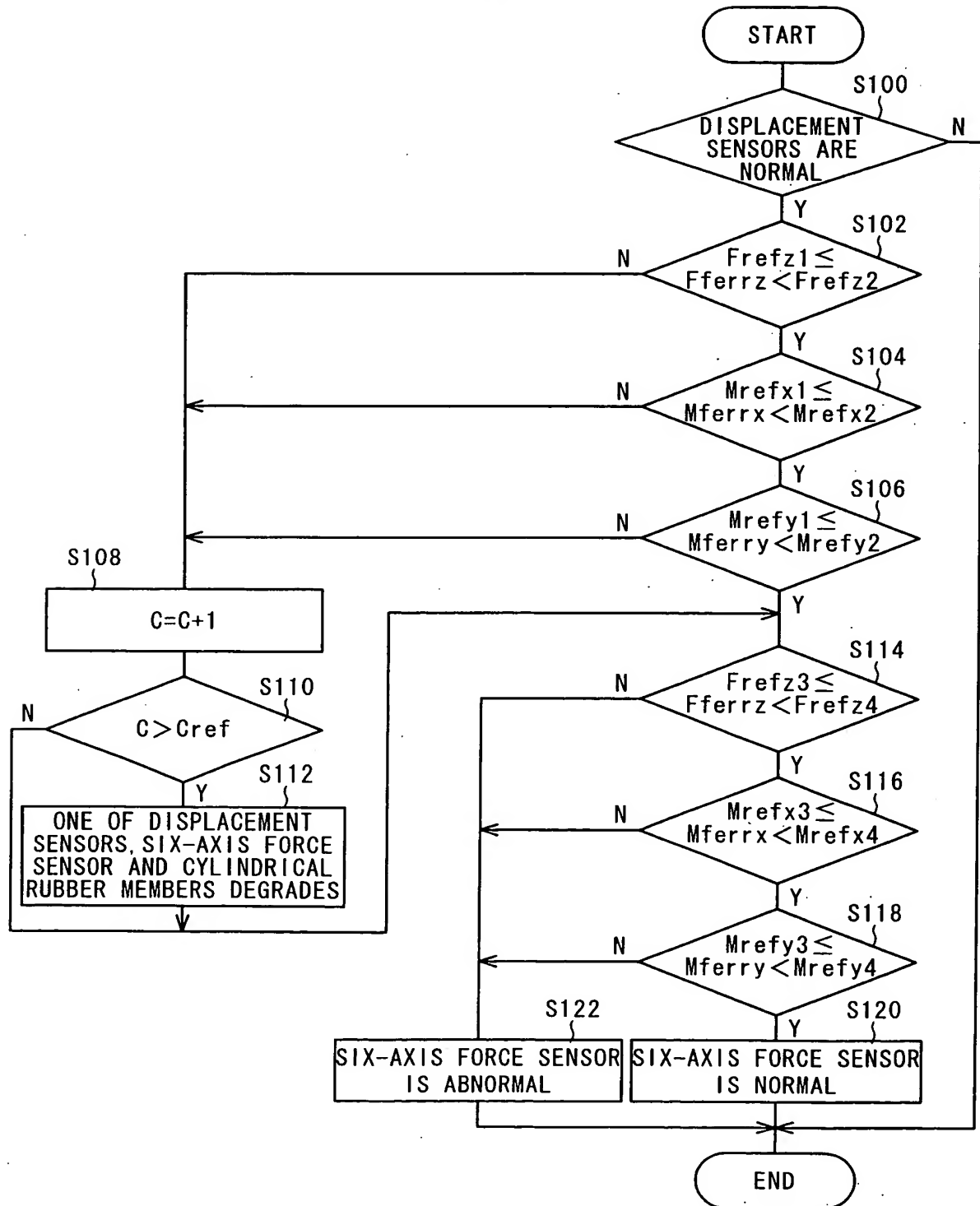


FIG. 10

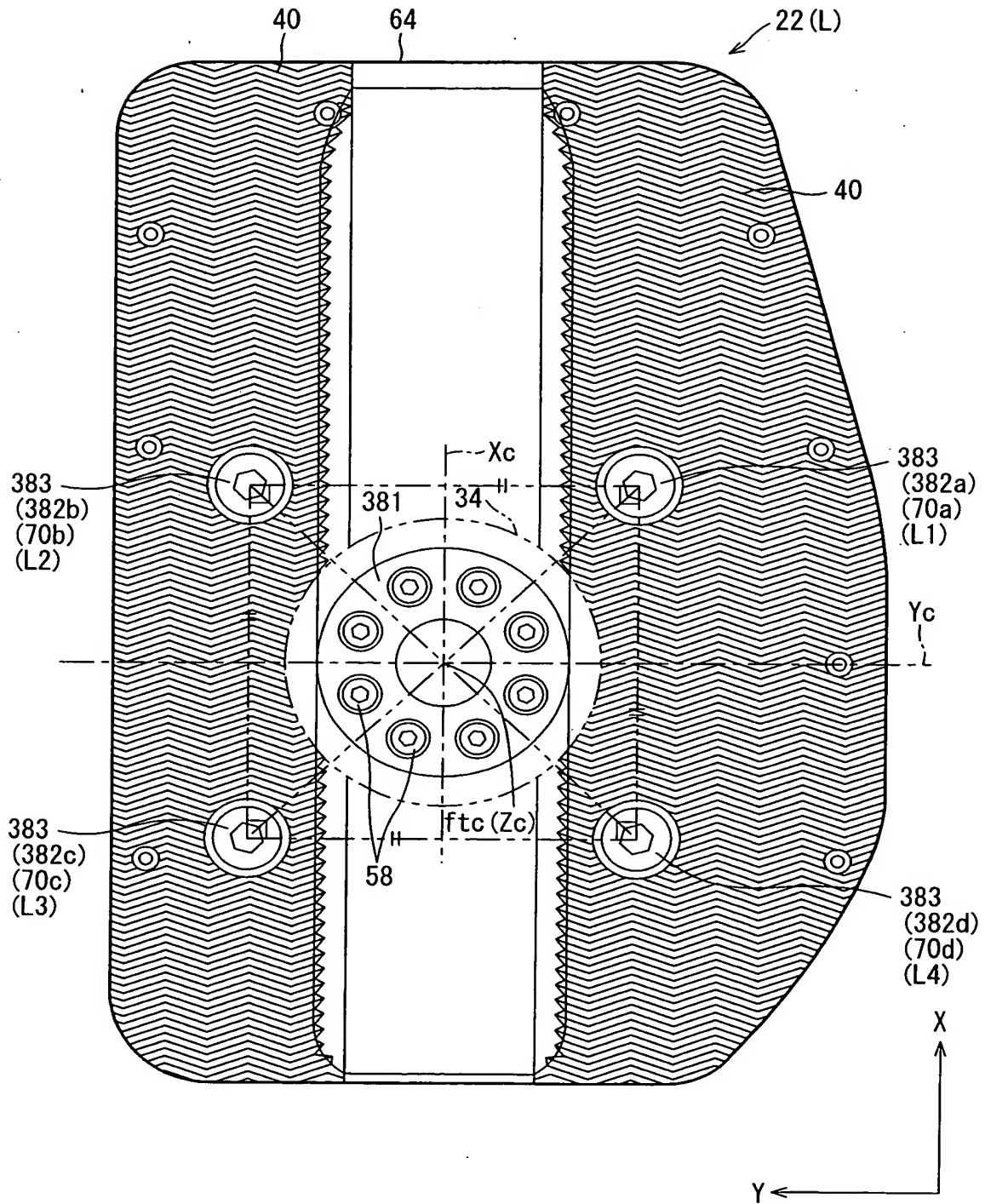


FIG. 11

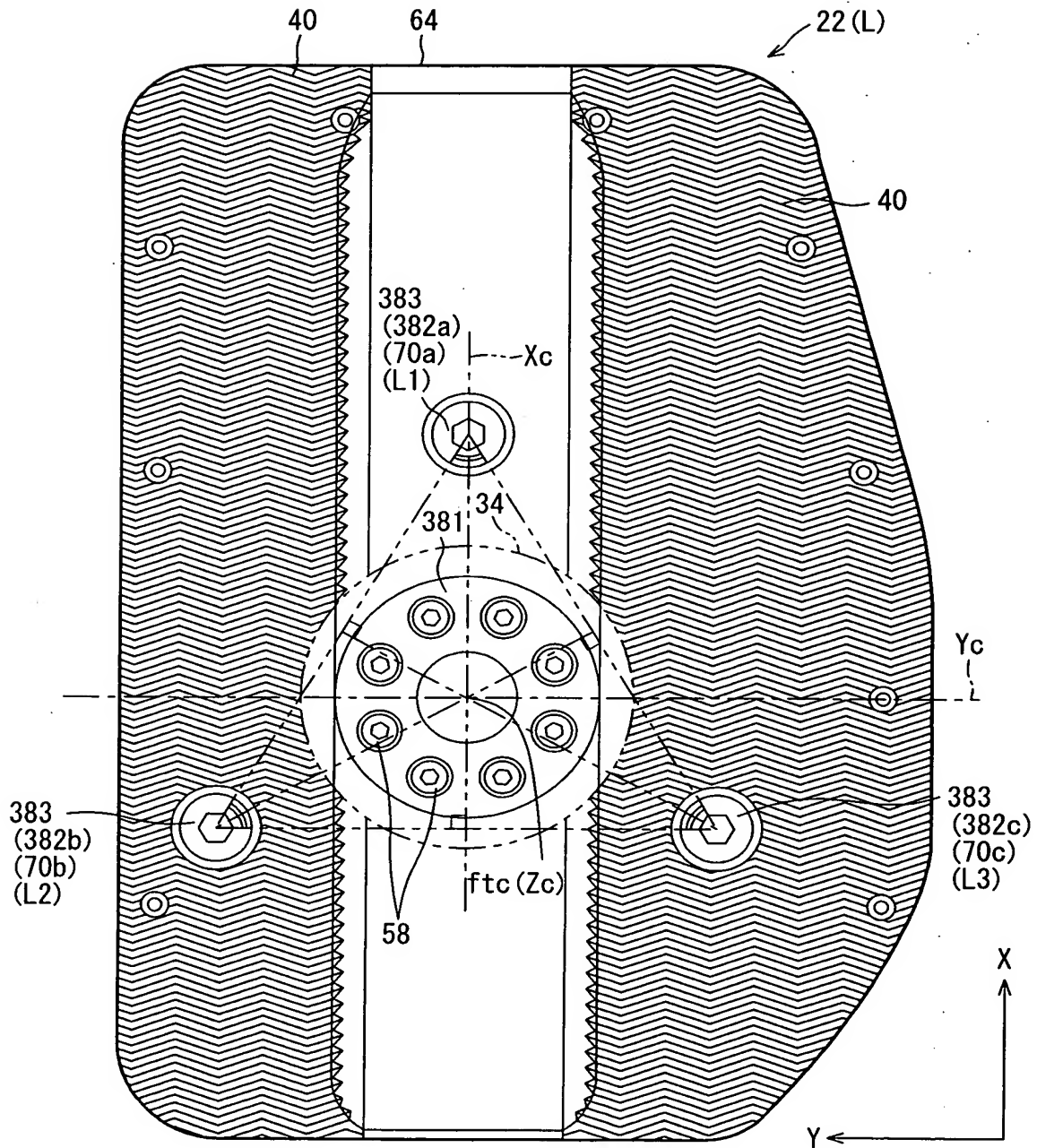


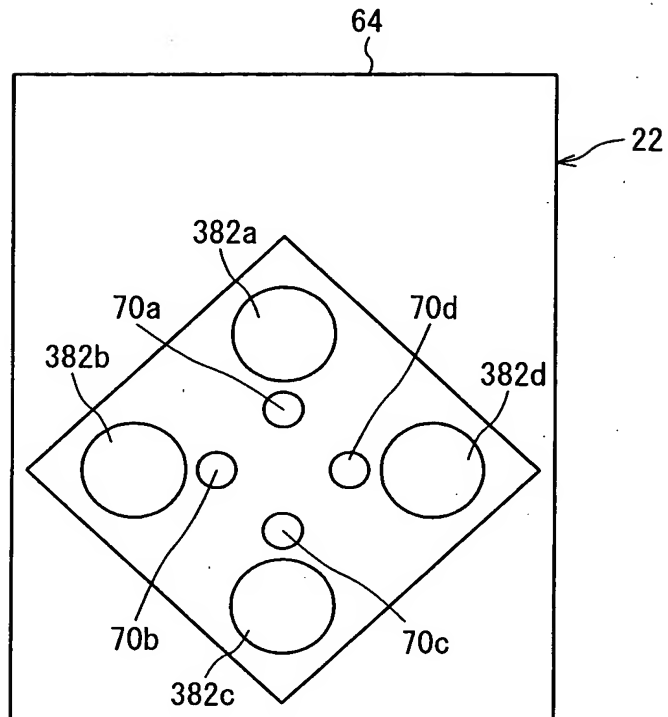
FIG. 13

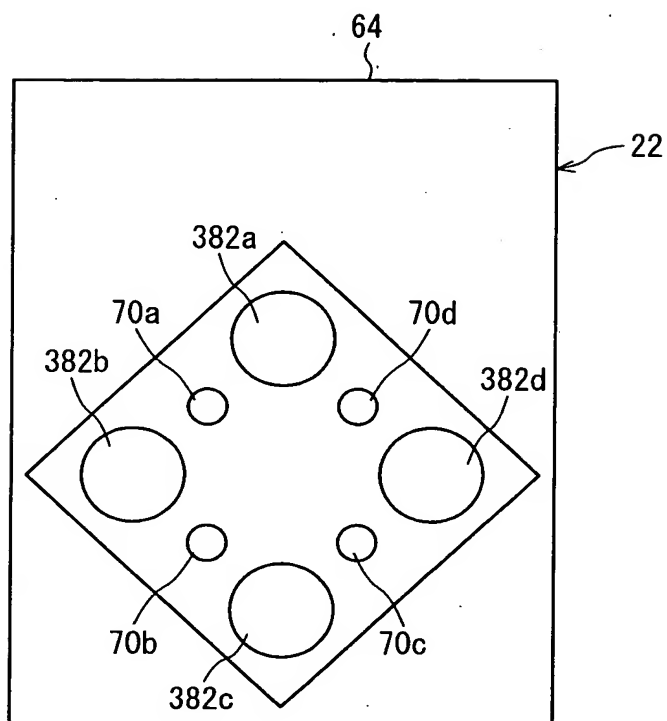
FIG. 14

FIG. 15

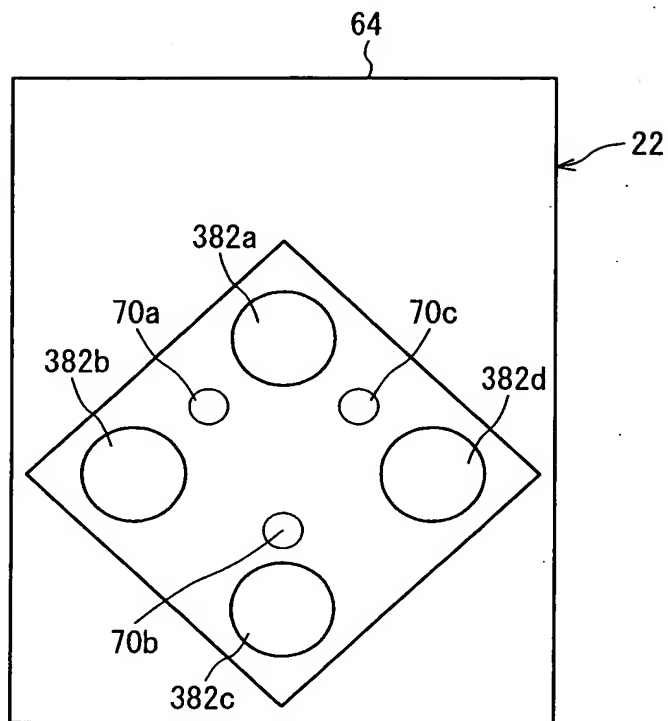


FIG. 16

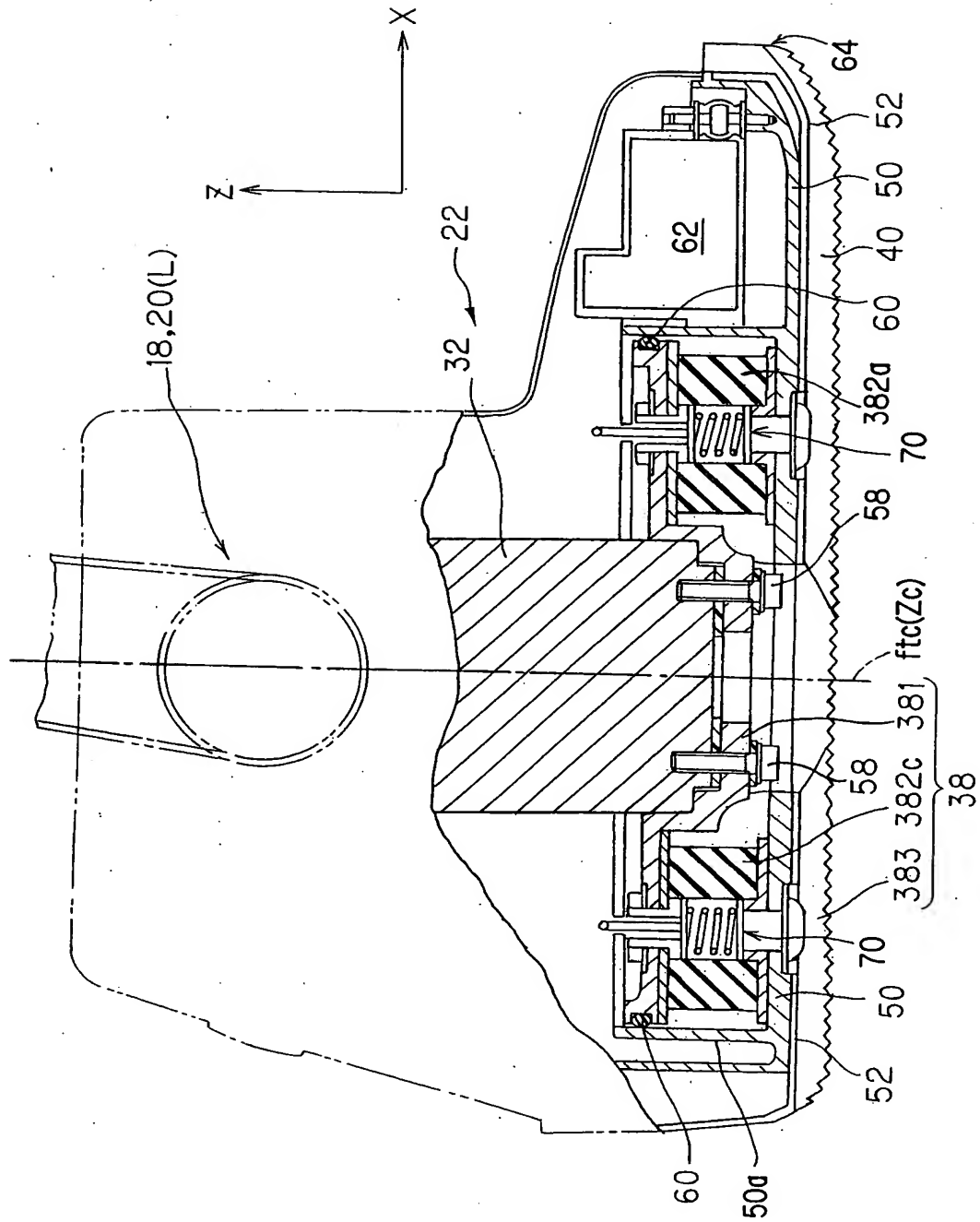


FIG. 17

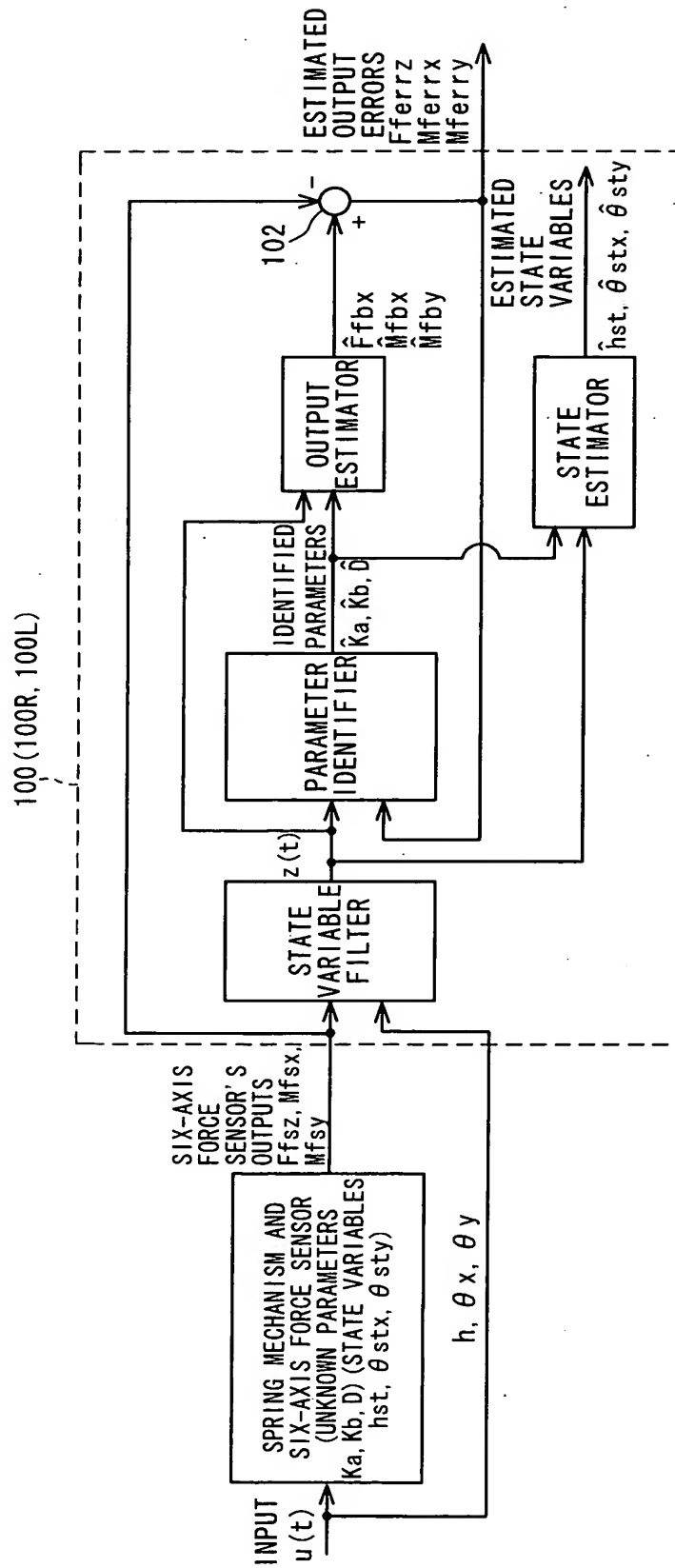


FIG. 18

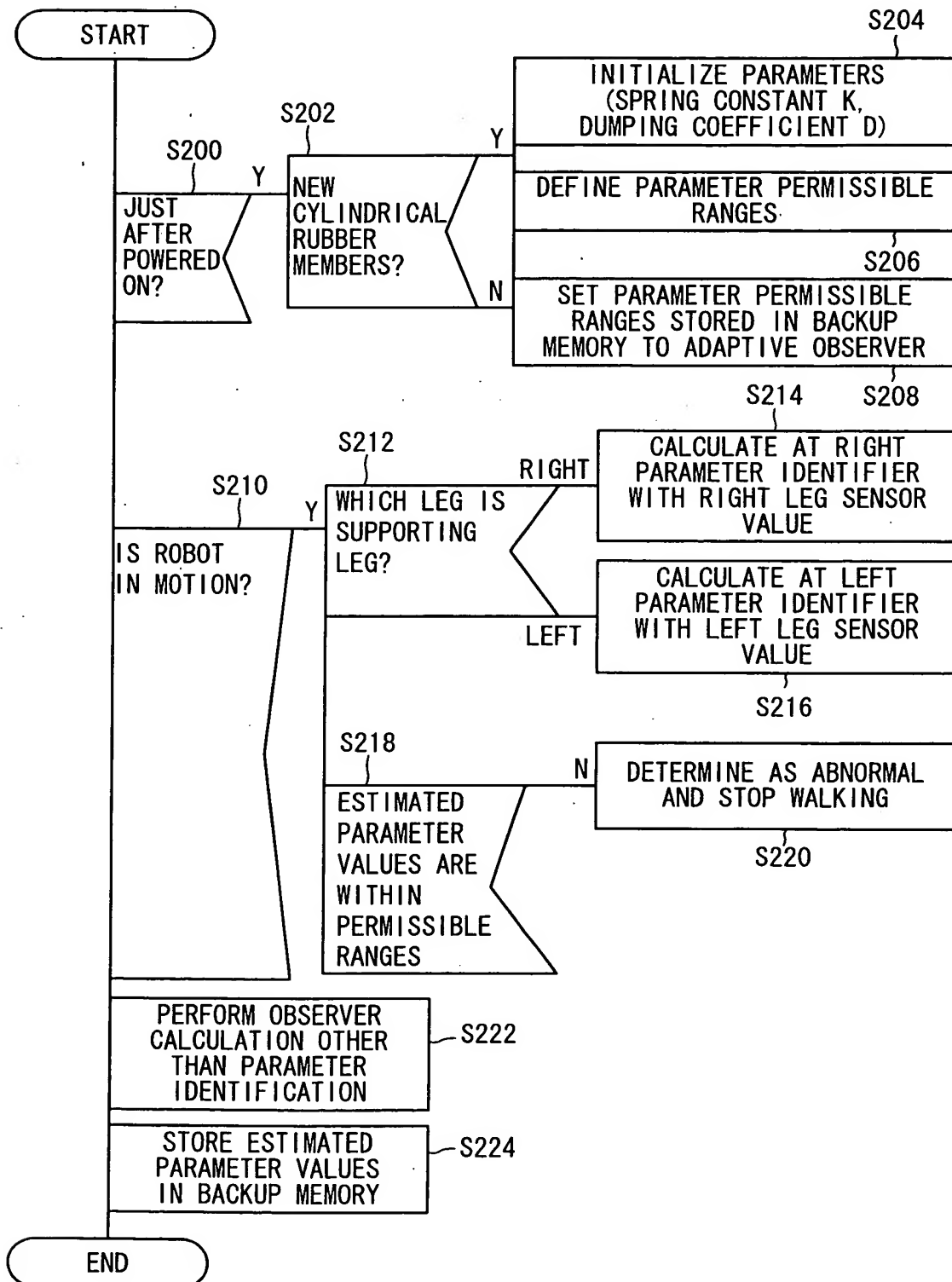


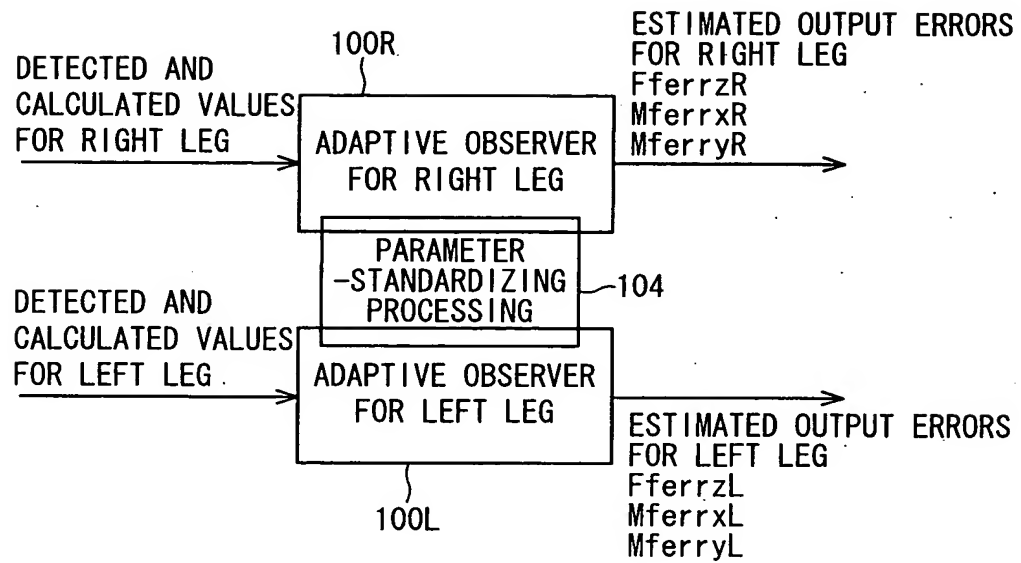
FIG. 19

FIG. 20

